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to Volumes 116 to 134

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AUTHOR INDEX

to Volumes 116 to 134

PREFACE TO AUTHOR INDEX

THIS Author Index to Volumes 116–134 of the *Journal of Physiology* has been compiled in the same manner as were the previous Indexes. All the papers written by an author, whether alone or in collaboration, are given under his name in order of publication. A paper by more than one author appears under *each* of its authors, with its full title and reference, and the original sequence of the authors' names is preserved, in order, however, to avoid the repetition of the marginal name, the sequence is indicated by the positions of the comma, the dash and the word 'and'.

Papers in the *Proceedings of the Physiological Society* can be recognized by the fact that their page reference is followed by the letter *P*. Those published by title only are indicated by (T). The year given is that in which the *Proceedings* were published, and is not necessarily that in which the paper was presented at a meeting of the Society.

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,	Urinary iron excretion and diffusibility of different iron preparations	118, 64P, 1952
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"	<i>Manson, W and</i> Chromatographic separation of the paradiethylaminophenyl ureides of lower fatty acids (T)	121, 41 P, 1953
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- „ Vasopressor, antidiuretic and oxytocic activity of the hypothalamus (T) 119, 11P, 1952
- „ The concentration of sympathin in different parts of the central nervous system under normal conditions and after the administration of drugs 123, 451, 1954
- „ *Holzbauer, Margarethe and* Adrenaline estimations in peripheral blood during insulin hypoglycaemia 125, 32P, 1954
- „ The effect of hexoestrol on the secretion of corticosterone by the adrenal gland of the rat 128, 7P, 1955

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'	<i>Paasonen, M K and</i> The effect of drugs on the amounts of substance P and 5 hydroxytryptamine in mammalian brain	131, 617, 1956
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'	and <i>Söderberg, U</i> Medullary chemosensitive receptors	118, 545, 1952
'	and <i>Söderberg, U</i> Slow potentials in the respiratory centres	118, 555, 1952
"	<i>Brown-Grant, K., —, Harris, G W and Reichlin, S</i> The measurement and experimental modification of the activity of the thyroid gland of the rabbit (T)	120, 59P, 1953
"	<i>Brown-Grant, K., —, Harris, G W and Reichlin, S</i> The measurement and experimental modification of thyroid activity in the rabbit	126 1, 1954.
"	and <i>Holmgren, B</i> The thyroxine 'receptor' of the thyroid pituitary system	131, 125, 1956
"	and <i>Holmgren, B</i> The role of hypothalamo-hypophyseal connexions in thyroid secretion	131, 137, 1956
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'	<i>Brethner, D F Kerslake, D McK and</i> The relation between sweat rate and body temperature when heat loss is small	132, 17P, 1956
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"	<i>Attree, F and</i> Pick up unit and amplifier for use with a ballistocardiographic table (T)	132 53P, 1956
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"	<i>Bishop J M Donald K W and</i> Cardiac output during exercise and recovery (Film) (T)	123, 2P, 1953
"	<i>Bishop J M, Donald K W and</i> Minute to minute changes in cardiac output by the direct Fick method in normal subjects during exercise and recovery	123 12P 1953
"	Movements of the thoracic cage and diaphragm in respiration	124, 193, 1954
"	<i>Bradley, S E, Childs, A W., Combes, B Courmand A., — and Whistler, H O</i> Effect of exercise on the splanchnic blood flow and splanchnic blood volume in normal man	133, 9P, 1958
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'	Recovery from acute haemorrhage in normal men and women	129, 583, 1955

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"	<i>Hebb, Catherine O and Choline acetylase in antero and retro grade degeneration of a cholinergic nerve</i>	132, 667, 1956
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"	<i>Hastings, A B, Peters, R A and A study of the influence of the inorganic ion environment on the convulsions induced in pigeons by fluorocitrate</i>	120, 50P, 1953
"	<i>Peters, R A and Pyruvate oxidase system in brain tissue</i>	119, 421, 1953
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"	<i>Schofield, Brenda M and Perfusion of the coronary arteries of the dog</i>	122, 480, 1953
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"	<i>Burn, J H, Vaughan Williams, E M and Action of anticholinesterases and of acetylcholine on the electrically driven heart-lung preparation</i>	126, 43P, 1954
"	<i>Bisset, G W and Assay of oxytocin in blood</i>	126, 538, 1954
"	<i>Burn, J H, Vaughan Williams, E M and Production of auricular fibrillation by electrical stimulation of the heart lung preparation in the presence of anticholinesterases</i>	128, 4P, 1955
"	<i>Burn, J H, Vaughan Williams, E M and The effects of acetylcholine in the heart lung preparation including the production of auricular fibrillation</i>	128, 277, 1955
"	<i>Burn, J H, Vaughan Williams, E M and The formation of acetylcholine in the heart its effect on the systemic output and its importance for auricular fibrillation caused by aconitine</i>	131, 317, 1956
"	<i>Burn, J H and The effect of KCl on auricular fibrillation produced by electrical stimulation in the presence of acetylcholine</i>	131, 8P, 1956
WALKER, MARY ANN	Homogeneity tests on visual pigment solutions from two sea fish	133, 56P, 1956
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WALL, P D	<i>Howland, B, Lettvin, J Y, McCulloch, W S, Pitts, W and On microelectrodes for plotting currents in nervous tissue</i>	122, 24P, 1953
WALLACE, A G	The effect of sodium lactate on a case of complete heart block (T)	130, 30P, 1955
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"	<i>Floyd, W F and Electromyographic recording from the sphincter ani externus in man</i>	119, 41P, 1952

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"	<i>Floyd, W F and</i> Electromyography of the sphincter ani externus in man	122, 599, 1953
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"	<i>Hebb, Catherine, Swan, A B and</i> Some applications of Koelle's method for the histochemical demonstration of cholinesterase (T)	118, 5 P, 1952
"	Visual reaction time and the α rhythm, an investigation of a scanning hypothesis	118, 500, 1952
"	'Visual attention' and the α rhythm	120, 155, 1953
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,	<i>Shipton, H W and</i> A twelve channel transportable toposcope	124, 51 P, 1954
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,	<i>Dott, H M and</i> The measurement of sperm motility in relation to metabolism	133, 30 P, 1956
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WARD McQUAID, J N	<i>Daniel, P M, Prichard, Marjorie M L and</i> An angiographic study of the effect of renin upon the renal circulation	124, 106, 1954.
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,	<i>Code, C F and</i> Importance of vagal innervation in the regulatory effect of acid in the duodenum on gastric secretion of acid	130, 233, 1955
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"	The central foveal sensitivity of a totally colour blind observer (T)	117, 64P, 1950
"	Tapetal reflexion and its influence on some visual functions of the cat (T)	118, 43P, 1952
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"	Partial bleaching experiments on the retinae of anaesthetized guinea pigs (T)	126, 24P, 1954
"	Further photochemical studies <i>in vivo</i> the grey squirrel (T)	127, 9P, 1954
"	Bleaching experiments on eyes of living guinea pigs	127, 572, 1955
"	Bleaching experiments on eyes of living grey squirrels (<i>Sciurus carolinensis leucotis</i>)	127, 587, 1955
"	Observations on the direct effect of light on the irides of <i>Rana temporaria</i> and <i>Xenopus laevis</i>	132, 257, 1950
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"	<i>Pardoe, A Ursula and</i> Antidiuretic activity of extracts of the pituitary glands of lead poisoned rats	119, 16P, 1952
"	<i>Joyce, C R B and</i> Cardiac glycosides and the potassium exchange of human erythrocytes	127, 33P, 1954
"	<i>Pardoe, A Ursula and</i> The intracellular localization of oxytocic and vasopressor substances in the pituitary glands of rats	127, 201, 1955
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"	<i>Lele, P P, — and Williams, C M</i> The relationship between heat transfer, skin temperature and cutaneous sensibility	126, 206, 1954
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"	The effect of the cardiac membrane potential on the rapid availability of the sodium carrying system	127, 213, 1955
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- " Renton, G H and Adrenaline and noradrenaline in human plasma during natural sleep 131, 170, 1956
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- WEINER, J S van Heyningen, Ruth and A comparison of arm bag sweat and body sweat 116, 395, 1952
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- WEIS FOGH, T How locusts fly (Film) (T) 129, 40P, 1955
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- WENDT F Cooper, K E, Ferres, Helen M, Kenyon, J R and A comparison of oesophageal, rectal and para-aortic temperatures during hypothermia in man 130, 10P, 1955
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- WERNER, Horvath, S M, Hutt, B K, Knapp, D W and Studies on bromsulphalein and cardiac output in the hepatectomized dog 119, 129, 1953
- " Edholm, O G, Moreira, M F and The measurement of forearm blood flow during a raised venous pressure 125, 41P, 1954

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to Volumes 116 to 134

PREFACE TO SUBJECT INDEX

THE same method has been adopted in the compilation of this Index as in the previous one. The main points of practical significance to the user of the Index are the following:

(1) References to volumes are in Clarendon type and references to pages are in ordinary Arabic numerals. Page references to articles in the *Proceedings* are in Arabic numerals followed by a capital *P*. Articles published by title only are indicated by (T).

(2) Owing to the length of some papers and the variety of subject-matter covered, the reference in each case is not to the first page of a paper but to the first page on which the subject in question is mentioned.

(3) When two alternative words are in general use for the same subject, e.g. liver and hepatic or kidney and renal, the choice of the author of the paper has been accepted and only a general cross-reference given to the whole subject.

(4) The name of the experimental animal used has been given after each reference. When more than two mammals are concerned, the word Mammal is used, whereas the term Various applies to more than two species including other vertebrates and invertebrates.

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